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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/401,937	09/23/1999	ROBERT A. HUME	CA9-99-002	5331

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EXAMINER

ABELSON, RONALD B

ART UNIT	PAPER NUMBER
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2666

DATE MAILED: 11/06/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/401,937

Applicant(s)

HUME ET AL. 

Examiner

Ronald Abelson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 September 1999.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6 and 8 is/are rejected.
- 7) ☒ Claim(s) 4, 5, 7 and 9 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 September 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4</u> | 6) <input type="checkbox"/> Other: _____ |

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Drawings

1. Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 2, 3, 6, and 8 are rejected under 35

U.S.C. 102(b) as being anticipated by Haran.

Regarding claim 1, Haran teaches a method and apparatus for a telephone system (fig. 1) containing common channel signaling and control type having signaling network means for handling switching and control signals (fig. 1 SS7 Network) separate from voice signals (fig. 1 Voice Trunks), said signaling network

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adapted to respond to and handle calls from wireless subscribers (fig. 1 cell phone) pertaining to requests for services, said signaling network means including means for providing transaction signals (query, pg. 1044 col. 2 lines 25-26) in response to calls to the telephone system by a wireless subscriber requesting service, said signaling network means further including a message server (Trilogue Infinity IP/SN, pg. 1045 col. 1 lines 38-41). The system comprises a means for creating message signals that are compatible with the signaling network and service nodes, in response to transaction signals (SRI message, pg. 1046 col. 2 lines 14-17), a message router for routing message signals to one or more interfaces for service nodes (HLR can request the MSRN from a designated Trilogue Infinity system, pg. 1048 col. 1 lines 47-50), and a means for connecting at least one service node to the message server in order to convey the service provided by the service nodes to the wireless subscriber in response to the requested service (pg. 1048 col. 1 lines 44-53).

Regarding claim 2, sending and/or receiving transaction signals to and/or the signaling network means (call-setup, pg. 1043 col. 2 lines 12-13).

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Regarding claim 3, system is capable of routing signals to at least one service node (MAP SRI message, pg. 1048 col. 1 line 60 - col. 2 line 3).

Regarding claim 6, communicating message signals to and from node interface of the service node (pg. 1046 col. 1 line 15 - 18).

Allowable Subject Matter

3. Claims 4,5,7, and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: Regarding claim 4, nothing in the prior art teaches or fairly suggests service node selection based upon the location of the wireless subscriber, in combination with the other limitations listed in the claim. Regarding claim 5, nothing in the prior art teaches or fairly suggests priority selection of service nodes, in combination with the other limitations listed in the claim. Regarding claim 7, nothing in the prior art teaches or fairly suggests a transaction information manager, in combination with the other limitations listed in the claim. Regarding claim 9, nothing in

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the prior art teaches or fairly suggests performing arbitration between various services, in combination with the other limitations listed in the claim.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronald Abelson whose telephone number is (703) 306-5622. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on (703) 308-5463. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9600.

ra
Ronald Abelson
Examiner
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RA

October 28, 2002

Seema S. Rao

Seema S. Rao

Supervisory Patent Examiner

AU 2666

10/28/2002

Official fax number: 703-872-9314